

JAVA.IO.OUTPUTSTREAMWRITER CLASS

http://www.tutorialspoint.com/java/io/java_io_outputstreamwriter.htm

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Introduction

The **java.util.OutputStreamWriter** class is a bridge from character streams to byte streams. Characters written to it are encoded into bytes using a specified charset.

Class declaration

Following is the declaration for **java.util.OutputStreamWriter** class:

```
public class OutputStreamWriter
    extends Writer
```

Field

Following are the fields for **java.util.OutputStreamWriter** class:

- **protected Object lock** -- This is the object used to synchronize operations on this stream.

Class constructors

S.N.	Constructor & Description
1	OutputStreamWriter(OutputStream out) This creates an OutputStreamWriter that uses the default character encoding.
2	OutputStreamWriter(OutputStream out, Charset cs) This creates an OutputStreamWriter that uses the given charset.
3	OutputStreamWriter(OutputStream out, CharsetEncoder enc) This creates an OutputStreamWriter that uses the given charset encoder.
4	OutputStreamWriter(OutputStream out, String charsetName) This creates an OutputStreamWriter that uses the named charset.

Class methods

S.N.	Method & Description
1	<u>void close()</u> This method closes the stream, flushing it first.
2	<u>void flush()</u> This method flushes the stream.
3	<u>String getEncoding()</u> This method returns the name of the character encoding being used by this stream.

4	<code>void write(char[] cbuf, int off, int len)</code> This method writes a portion of an array of characters.
5	<code>void write(int c)</code> This method writes a single character.
6	<code>void write(String str, int off, int len)</code> This method writes a portion of a string.

Methods inherited

This class inherits methods from the following classes:

- `java.util.Writer`
- `java.util.Object`